

ELECTRICAL SPECIFICATIONS

DC	
Range	Accuracy
1000ADC	$\pm(2.5\%+5)$

ACA RMs (50Hz~1000Hz)	
Range	Accuracy
3000AAC (Flexible coil)	$\pm(2.5\%+5)$
1000AAC	

All AC current ranges are from 5% of the specified range to 100% of the range

DC VOLTAGE	
Range	Accuracy
500.0mVDC	$\pm(0.1\%+4)$
5.000VDC	
50.00VDC	
500.0VDC	
1000VDC	$\pm(0.2\%+5)$

AC VOLTAGE RMs (50Hz~1000Hz)	
Range	Accuracy
400.0mVDC	$\pm(1.0\%+9)$
4.000VDC	
40.00VDC	
400.0VDC	
750.0VDC	

All AC voltage ranges are from 5% of the specified range to 100% of the range

Duty Cycle	
Range	Accuracy
5.0% ~ 95.0%	$\pm (1.0\%+2)$

Pulse broadband : 100 μ s ~ 100ms,
frequency : 10Hz ~ 100KHz.

RESISTANCE	
Range	Accuracy
400.0 Ω	$\pm(1.0\%+9)$
4.000K Ω	$\pm(1.0\%+4)$
40.00K Ω	
400.0K Ω	
4.000M Ω	$\pm(2.0\%+9)$
40.00M Ω	$\pm(3.0\%+9)$

CAPACITANCE	
Range	Accuracy
500.0nF	$\pm(3.5\%+40)$
5.000 μ F	$\pm(3.5\%+9)$
50.00 μ F	
500.0 μ F	
5.000mF	$\pm(5.0\%+9)$

FREQUENCY	
Range	Accuracy
50.00Hz	$\pm (0.3\%+2)$
500.0Hz	
5.000KHz	
50.00KHz	
500.0KHz	
50.00MHz	

Sensitivity: minimum 0.8V rms. @Duty cycle of 20% to 80% and < 100KHz; Minimum 5V rms at 20% to 80% duty cycle and >100KHz.

Temperature	
Range	Accuracy
-100°C ~ 1000°C	$\pm(1.0\%+2^{\circ}\text{C})$
-148°F ~ 1832°F	$\pm(1.0\%+3.6^{\circ}\text{F})$